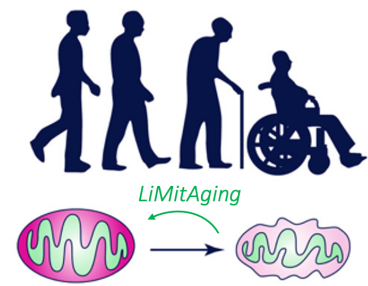




**POSTDOC
POSITIONS
AVAILABLE**



**Postdoc positions in mitochondrial biology
L. Martinez lab, Institute of Cardiovascular and Metabolic diseases (I2MC)
Toulouse**

<https://www.i2mc.inserm.fr/en/equipe-laurent-martinez-2/>

Keywords: Mitochondrial Dysfunction, Metabolic Reprogramming, Bioenergetics

The Institute of Metabolic and Cardiovascular Diseases (I2MC) is recognized for its translational research in the field of metabolic (obesity, diabetes, dyslipidemias) and cardiovascular (thrombosis, atherosclerosis, cardiac and renal failure) diseases. Currently, the I2MC is composed of 11 teams.

Translation to the clinic is greatly facilitated by the location within the Rangueil site of Toulouse University Hospitals. Notably, clinical departments devoted to nutrition, cardiovascular and renal diseases, obesity and diabetes are in close vicinity of I2MC.

I2MC offers scientists a diverse set of competence through its **7 core facilities** (Lipidomics, Imaging, Bioinformatics, Functional Biochemistry, Cytometry, Histology, Genomics & Transcriptomics).

The overarching goal of the research in the laboratory of Dr. Martinez (LiMitAging Team) is to explore the relation between some actors of mitochondrial functions and aging, and is driven by the hypothesis that enhancing mitochondrial health and mitochondrial quality-control mechanisms will promote healthy aging. In particular, the team's research in the field of lipoprotein and mitochondria led to identify original actors associated to lipid and mitochondrial energy metabolism.

<https://pubmed.ncbi.nlm.nih.gov/?term=martinez+LO&sort=date>

The project will aim to explore the regulation and function of a **novel regulator of mitochondrial oxidative phosphorylation (OXPHOS)** at the cell, organ, and whole-organism levels and in different pathophysiological conditions. Pharmacological approaches to target mitochondrial energy metabolism will be also explored.

We are seeking talented, conscientious, motivated and enthusiastic postdoctoral scientists interested in the field of mitochondrial biology to join our team. Dr. Martinez is committed to provide the training and resources needed for the lab members to achieve their goals at any point in their career path in an inclusive and inspirational environment.

Desired qualification:

- Molecular, biochemical and cellular imaging methods to study mitochondria
- Knowledge in mitochondrial energy metabolism
- Experience with any specific disease or organ dysfunction in mice (liver, muscle, adipose tissue, vascular endothelium)
- RNA-Seq and OMICs data analyses

Eligibility criteria:

- PhD in biology
- All nationalities

Apply now to Laurent.martinez@inserm.fr with letter of motivation, CV and email of 2-3 references.